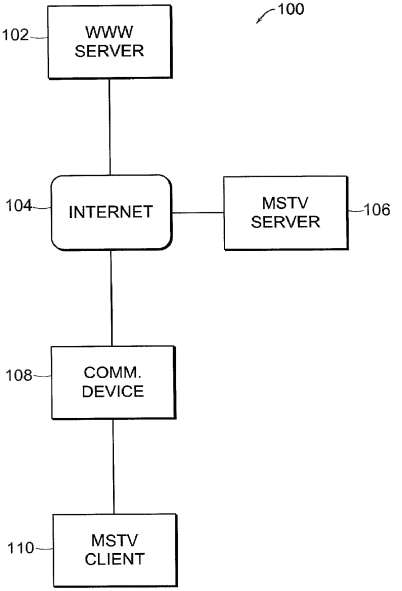
100
102
WWW SERVER
104
INTERNET
MSTV SERVER
106
108
COMM. DEVICE
110
MSTV CLIENT

FIG. 1

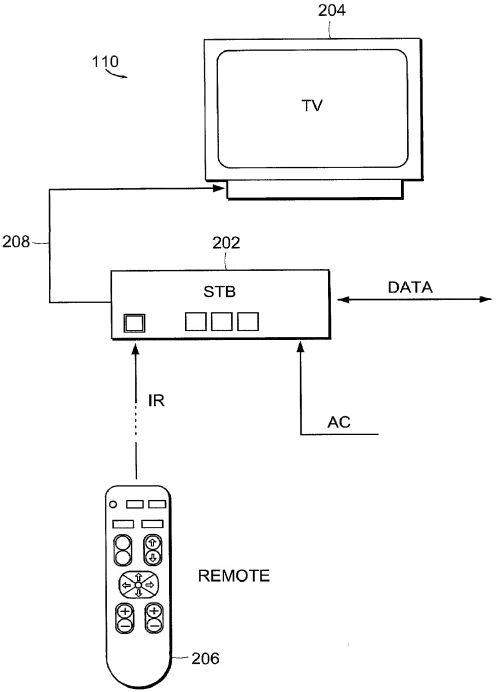

FIG. 2

09911221.110501

T090TT' T2E8T660

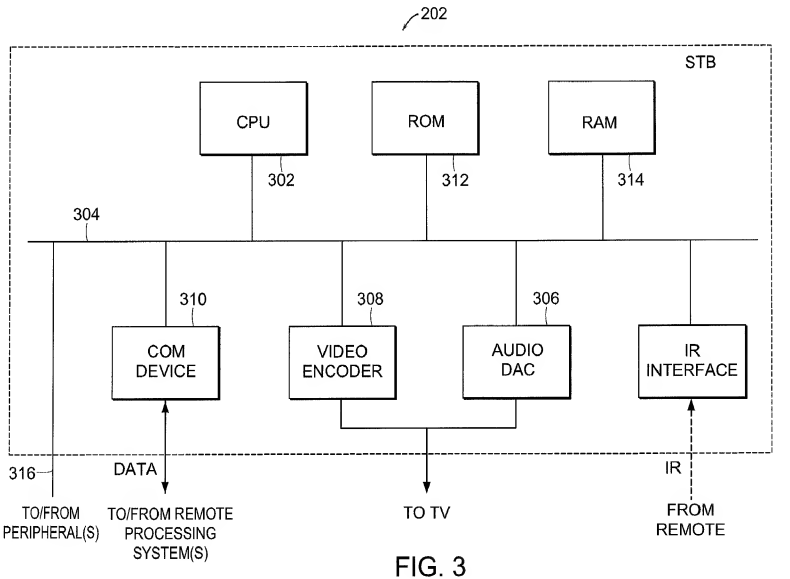

FIG. 3

T09011 T2E8T660

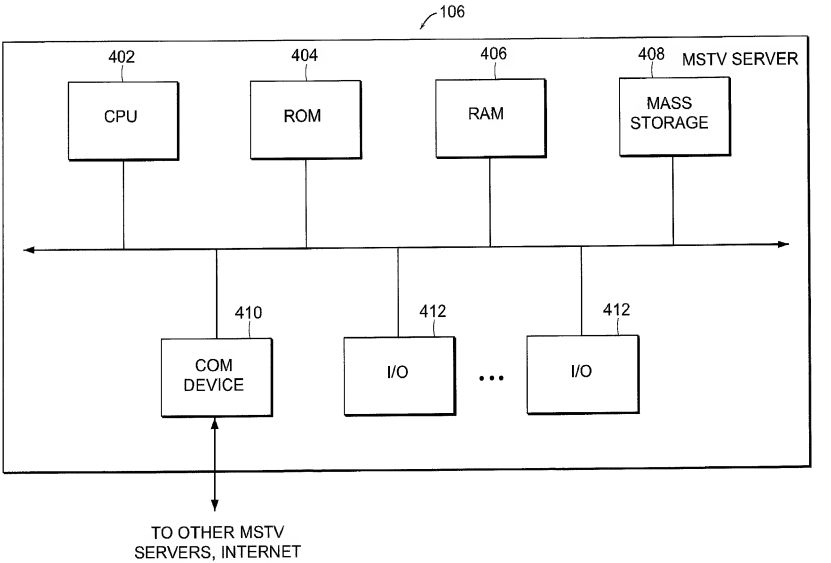

FIG. 4

09913321-110601

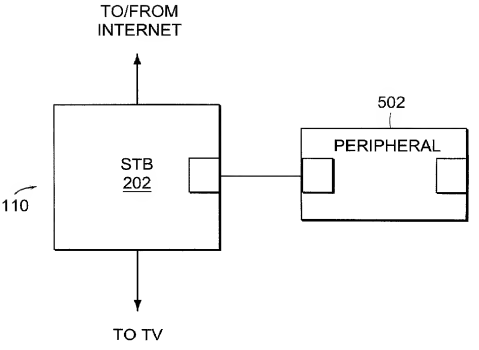

FIG. 5

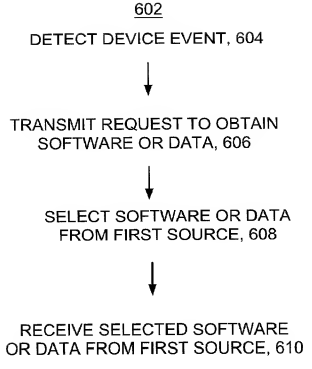
602
DETECT DEVICE EVENT, 604
TRANSMIT REQUEST TO OBTAIN SOFTWARE OR DATA, 606
SELECT SOFTWARE OR DATA FROM FIRST SOURCE, 608
RECEIVE SELECTED SOFTWARE OR DATA FROM FIRST SOURCE, 610

FIG. 6A

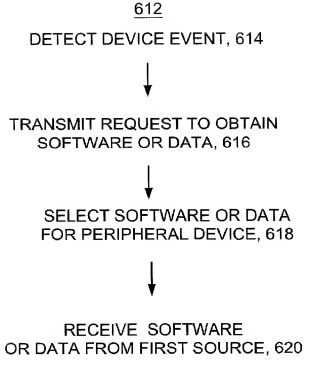

FIG. 6B

09181521.110501

622
DETECT DEVICE EVENT, 624
EXECUTE CORRESPONDING FUNCTION, 625

FIG. 6C

09918321.110601

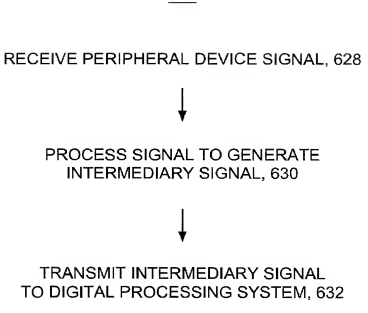

FIG. 6D

09618221.110601

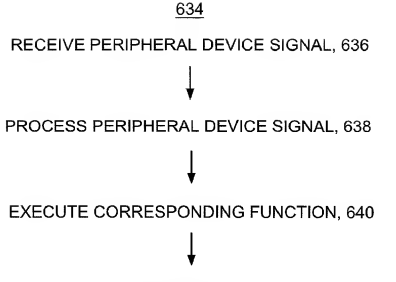

FIG. 6E

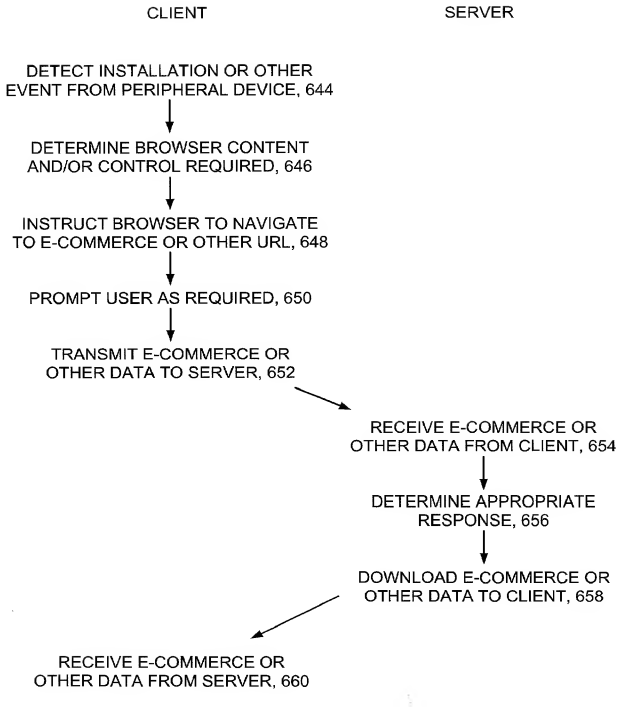
CLIENT
SERVER
DETECT INSTALLATION OR OTHER EVENT FROM PERIPHERAL DEVICE, 644
DETERMINE BROWSER CONTENT AND/OR CONTROL REQUIRED, 646
INSTRUCT BROWSER TO NAVIGATE TO E-COMMERCE OR OTHER URL, 648
PROMPT USER AS REQUIRED, 650
TRANSMIT E-COMMERCE OR OTHER DATA TO SERVER, 652
RECEIVE E-COMMERCE OR OTHER DATA FROM CLIENT, 654
DETERMINE APPROPRIATE RESPONSE, 656
DOWNLOAD E-COMMERCE OR OTHER DATA TO CLIENT, 658
RECEIVE E-COMMERCE OR OTHER DATA FROM SERVER, 660

FIG. 6F

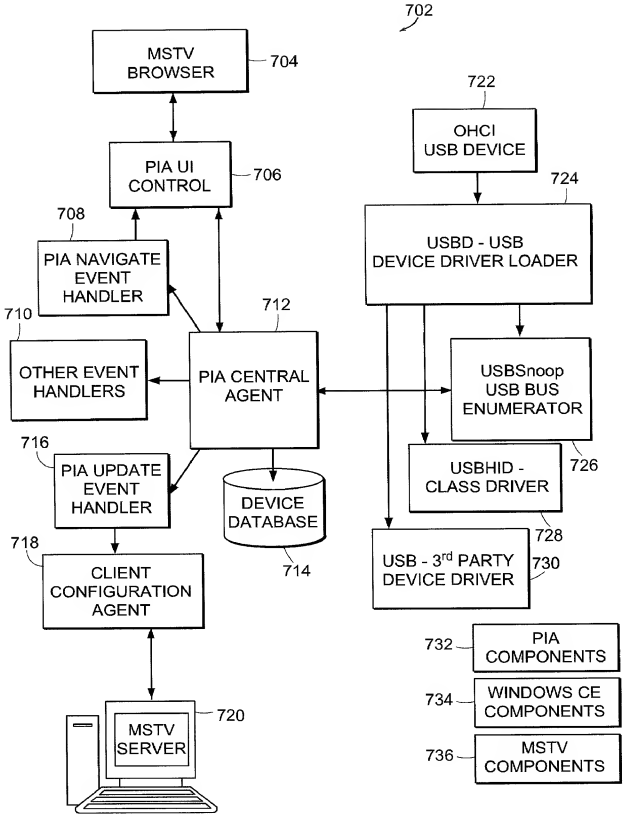
702
MSTV BROWSER
704
PIA UI CONTROL
706
708
PIA NAVIGATE EVENT HANDLER
710
OTHER EVENT HANDLERS
712
PIA CENTRAL AGENT
716
PIA UPDATE EVENT HANDLER
DEVICE DATABASE
714
718
CLIENT CONFIGURATION AGENT
720
MSTV SERVER
722
OHCI USB DEVICE
724
USBD - USB DEVICE DRIVER LOADER
USBSnoop USB BUS ENUMERATOR
726
USBHID - CLASS DRIVER
728
USB - 3rd PARTY DEVICE DRIVER
730
732
PIA COMPONENTS
734
WINDOWS CE COMPONENTS
736
MSTV COMPONENTS

FIG. 7

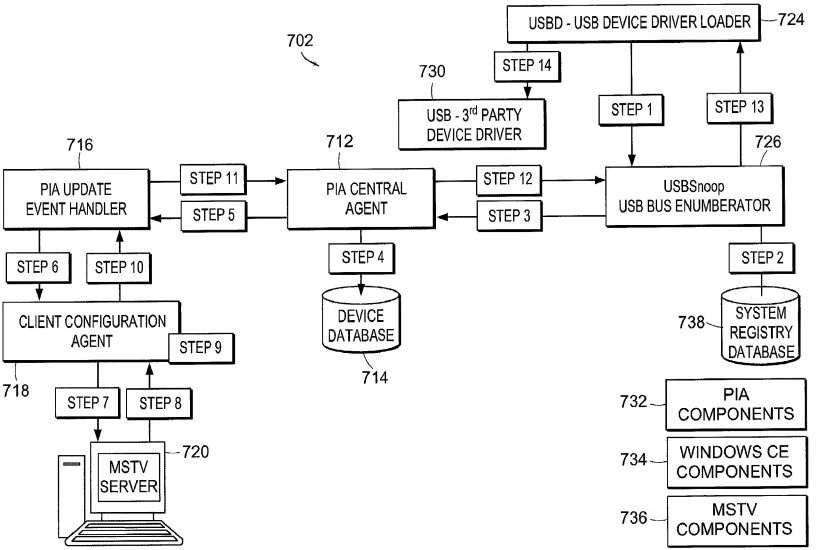
USBD - USB DEVICE DRIVER LOADER
724
702
730
STEP 14
USB - 3rd PARTY DEVICE DRIVER
STEP 1
STEP 13
716
712
726
PIA UPDATE EVENT HANDLER
STEP 11
STEP 5
PIA CENTRAL AGENT
STEP 12
STEP 3
USBSnoop USB BUS ENUMBERATOR
STEP 6
STEP 10
STEP 4
STEP 2
CLIENT CONFIGURATION AGENT
STEP 9
DEVICE DATABASE
738
SYSTEM REGISTRY DATABASE
718
714
STEP 7
STEP 8
732
PIA COMPONENTS
720
MSTV SERVER
734
WINDOWS CE COMPONENTS
736
MSTV COMPONENTS

FIG. 8

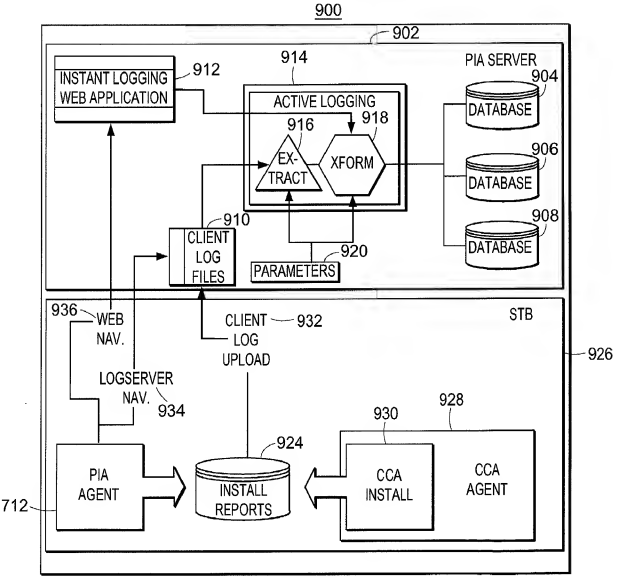
900
902
INSTANT LOGGING WEB APPLICATION
912
914
ACTIVE LOGGING
916
EX-TRACT
918
XFORM
PIA SERVER
904
DATABASE
906
DATABASE
908
DATABASE
910
CLIENT LOG FILES
920
PARAMETERS
936
WEB NAV.
CLIENT LOG UPLOAD
932
STB
926
LOGSERVER NAV.
934
928
930
924
PIA AGENT
INSTALL REPORTS
CCA INSTALL
CCA AGENT
712

FIG. 9

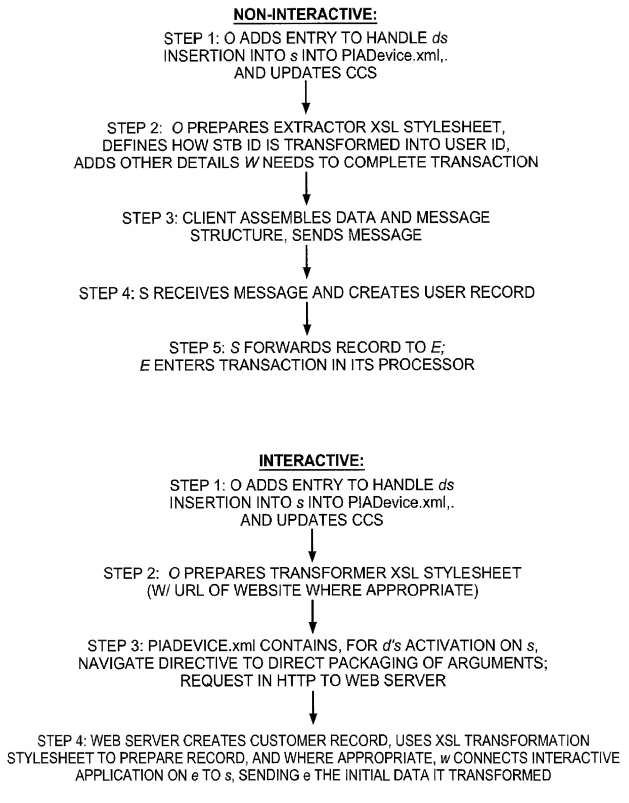

FIG. 10

09182211.1060

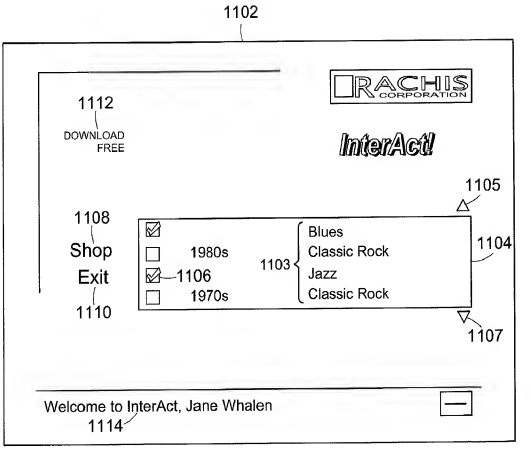
1102
RACHIS CORPORATION
1112
DOWNLOAD FREE
InterAct!
1105
1108
Shop
Exit
1110
1980s
1106
1970s
1103
Blues
Classic Rock
Jazz
Classic Rock
1104
1107
Welcome to InterAct, Jane Whalen
1114

FIG. 11

T090TT' T2E8T660

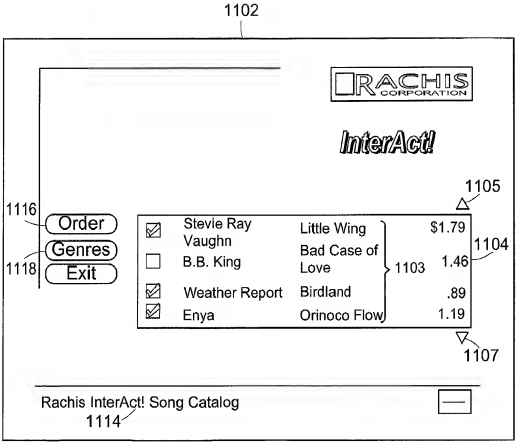

FIG. 12

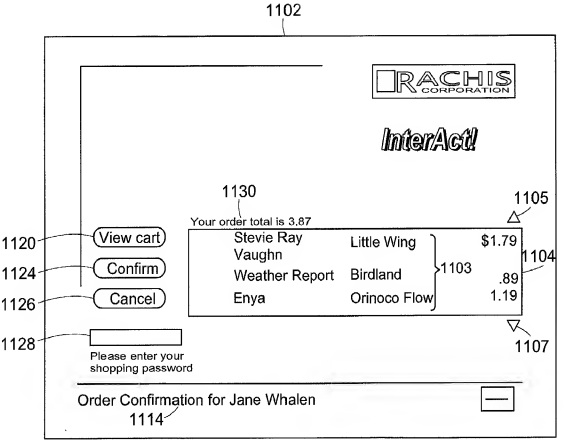
1102
RACHIS CORPORATION
InterAct!
1130
1105
Your order total is 3.87
1120
View cart
1124
Confirm
1126
Cancel
Stevie Ray Vaughn
Little Wing
$1.79
Weather Report
Birdland
.89
Enya
Orinoco Flow
1.19
1103
1104
1128
Please enter your shopping password
1107
Order Confirmation for Jane Whalen
1114

FIG. 13

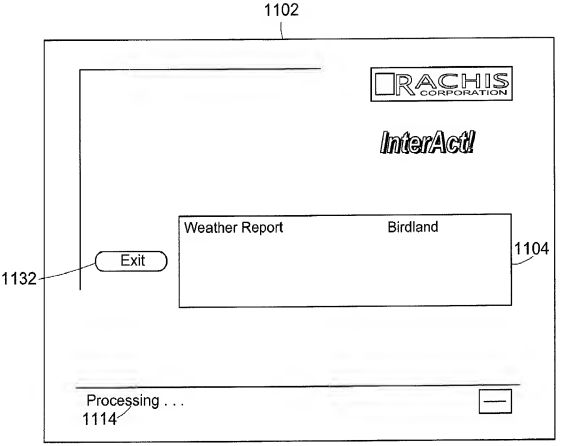
1102
RACHIS CORPORATION
InterAct!
Weather Report
Birdland
1104
Exit
1132
Processing . . .
1114

FIG. 14

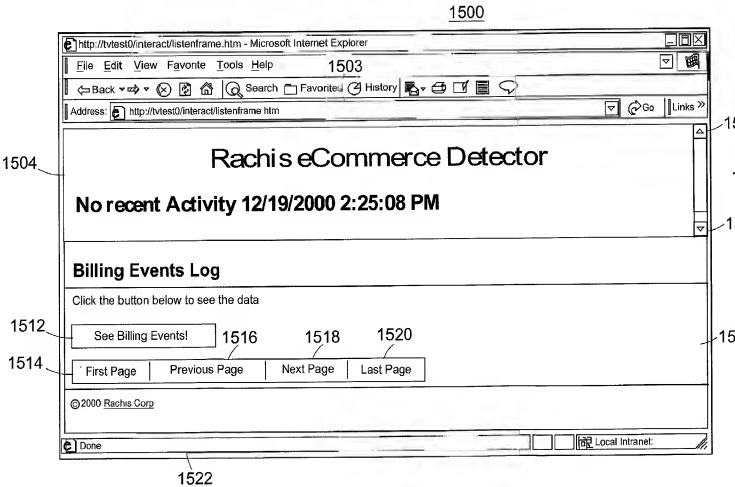
1500
http://tvtest0/interact/listenframe.htm - Microsoft Internet Explorer
File Edit View Favorite Tools Help
1503
Back Search Favorites History
Address: http://tvtest0/interact/listenframe.htm
Go Links
1508
1504
Rachis eCommerce Detector
1502
No recent Activity 12/19/2000 2:25:08 PM
1510
Billing Events Log
Click the button below to see the data
1512
See Billing Events!
1516
1518
1520
1506
1514
First Page
Previous Page
Next Page
Last Page
©2000 Rachis Corp
Done
Local Intranet:
1522

FIG. 15

1500

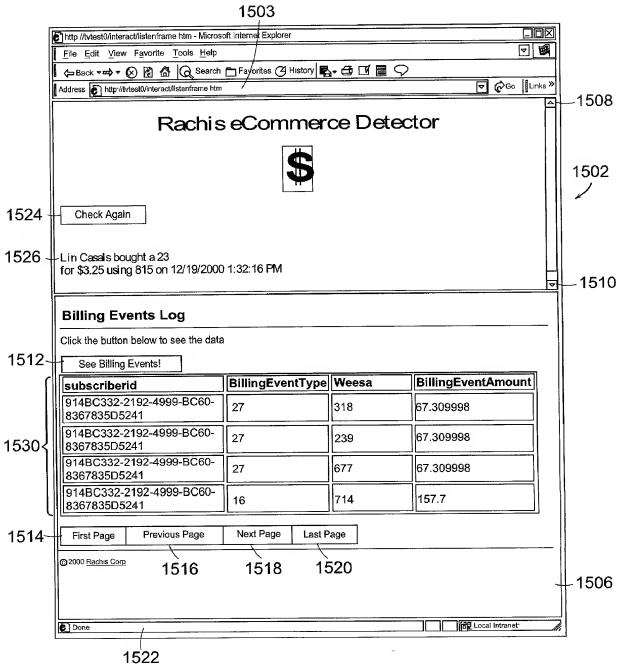
1503
http://vtest0/interact/listen/frame.htm - Microsoft Internet Explorer
File Edit View Favorite Tools Help
Back Search Favorites History
Address http://vtest0/interact/listenframe.htm
Go Links
1508
Rachis eCommerce Detector
1502
1524
Check Again
1526
Lin Casalis bought a 23
for $3.25 using 815 on 12/19/2000 1:32:16 PM
1510
Billing Events Log
Click the button below to see the data
1512
See Billing Events!
subscriberid
BillingEventType
Weesa
BillingEventAmount
914BC332-2192-4999-BC60-8367835D5241
27
318
67.309998
914BC332-2192-4999-BC60-8367835D5241
27
239
67.309998
914BC332-2192-4999-BC60-8367835D5241
27
677
67.309998
914BC332-2192-4999-BC60-8367835D5241
16
714
157.7
1530
1514
First Page
Previous Page
Next Page
Last Page
©2000 Rachis Corp
1516
1518
1520
1506
Done
Local intranet
1522

FIG. 16